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CCR&W Docket No. 6680-6

#6/A
11/15/01
Hayes

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Dominique Certon, et al.
Serial No. : Not Yet Assigned
Filing Date : Filed Herewith
For : CROSS-MEASUREMENT OF ACOUSTIC
FLOWMETER SIGNALS
Examiner : Not Yet Assigned
Group Art Unit : Not Yet Assigned

Assistant Commissioner for Patents
Washington, D.C. 20231

PRELIMINARY AMENDMENT

December 20, 2000

Sir:

Prior to examination of the above-referenced application, please amend the above-referenced application as follows:

IN THE CLAIMS:

Please add claims 13-27.

Please amend claims 1, 2, 3, 4, 6, 8, 9, 11 and 12 as follows:

1. A method for measuring the displacement of a fluid into a conduit [(3)], by calculating a difference in ultrasound transit time between two transducers [(1, 2; 12, 13)] in one direction and in the other, characterised by the steps:
- of simultaneously exciting the two transducers [(1, 2; 12; 13)], then
- simultaneously measuring signals received at each one of the transducers originating from the other transducer,
and by a step of synchronously digitizing the signals received at each one of the transducers.

2. The method according to claim 1, characterised in that the step of